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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/678,147	10/02/2003	Mei Li Chen	USP2210A-ABC	3611

30265 7590 04/05/2005

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EXAMINER

KYLE, MICHAEL J

ART UNIT	PAPER NUMBER
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3676

DATE MAILED: 04/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/678,147	Applicant(s) CHEN, MEI LI	
	Examiner Michael J Kyle	Art Unit 3676	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5, 6, 10 and 14 is/are rejected.
- 7) ☒ Claim(s) 4, 7-9, 11-13 and 15-20 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Objections

1. Claims 5-7 are objected to because of the limitation “cog-liked”. It is unclear if this limitation includes features other than a cog.
2. Claims 18-20 are objected to because the first line of each claim recites, “wherein each of said, having”. It is unclear which said feature this is referring to. As best understood by the examiner, it refers to the glass holding walls.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 5, 6, 10, and 14 are rejected under 35 U.S.C. 102(b) as being anticipated by Garrett et al (“Garrett”, U.S. Patent No. 5,867,869). With respect to claim Garrett discloses a side pivot hinge comprising a joint body (16) with two glass holding walls (14, 15), a joint seat (74) having a joint sleeve (92), and an angular adjustment arrangement comprising a joint housing (34), a supporting shaft (50) rotatably inserted into the joint sleeve (92), and an angular adjustment locker (56) provided on an outer side of the joint body. When the joint body is angularly moved with respect to the joint seat, the supporting shaft (50) is locked up at the joint housing by the angular adjustment locker (56).

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With respect to claim 2, Garrett discloses the support shaft (50) to have a central portion rotatably received in the joint sleeve. The supporting shaft (50) has two ends (52) rotatably engaged with the joint housing, and are locked up at the joint housing via the angular adjustment locker (56).

With respect to claim 3, Garrett discloses the joint housing to have two locking slots (48, 49) coaxially aligned with the joint sleeve to receive the two end portions of the support shaft (50). The end portions (52) are locked up in the locking slots (48, 49) by the angular adjustment locker (56).

With respect to claims 5 and 6, Garrett discloses each end portion (52) of the supporting shaft (50) has a cogged crossed section that frictionally engages with an inner wall of the locking slot.

With respect to claim 10, Garrett discloses the joint seat to further include at least a control slot (86, 88, 90, 93) extended to communicate with the joint sleeve, and comprises a driving member (76) to bias against the central portion of the supporting shaft.

With respect to claim 14, Garrett discloses the supporting shaft to have a guiding indentation (64), such that the driving member is arranged to bias against the central portion at the guiding indentation for aligned retaining of the glass structure.

Allowable Subject Matter

Claims 4, 7-9, 11-13, and 15-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

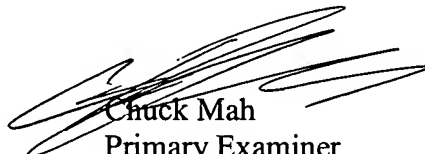
The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following references are cited to further show the state of the art with respect to glass door hinges and clamping arrangements: Huong, Perkins et al, Kaneko, Cheng, Wang-Lee, Kao, and Cheng (U.S. Patent No. 6,766,561).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J Kyle whose telephone number is 703-305-3614. The examiner can normally be reached on Monday - Friday, 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Swann can be reached on 703-306-4115. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

mk


Chuck Mah
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